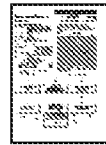


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ResolutionPublished / Filed: **2002-04-10** / 2000-09-15Application Number: **CN2000000113188**IPC Code: Advanced: **G01D 5/353**;
Core: **G01D 5/26**;
IPC-7: **G01D 5/353**;

ECLA Code: None

Priority Number: 2000-09-15 **CN2000000113188**

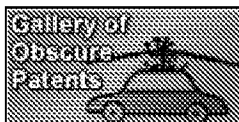
Abstract: An integrated optical fibre strain and temp sensor is composed of optical fibre interference strain sensor, broad-band optical fibre raster, broad-band optical coupler connected to the said sensor, the two WDM couplers through which the said optical fibre coupler is connected to two broad-band optical sources, spectrometer and photoelectric detector. The quartz capillary tube contains a cavity formed by two reflective surfaces which are the end faces of one single-mode and one multi-mode optical fibres. Its advantages are high integrated level, no cross-interference, high stability and simple structure.

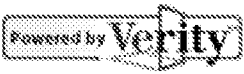
INPADOC Legal Status: None [Get Now: Family Legal Status Report](#)

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<input checked="" type="checkbox"/>	CN1195202C	2005-03-30	2000-09-15	Integrated optical fibre strain and temp sensor device
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